

Fig. 1

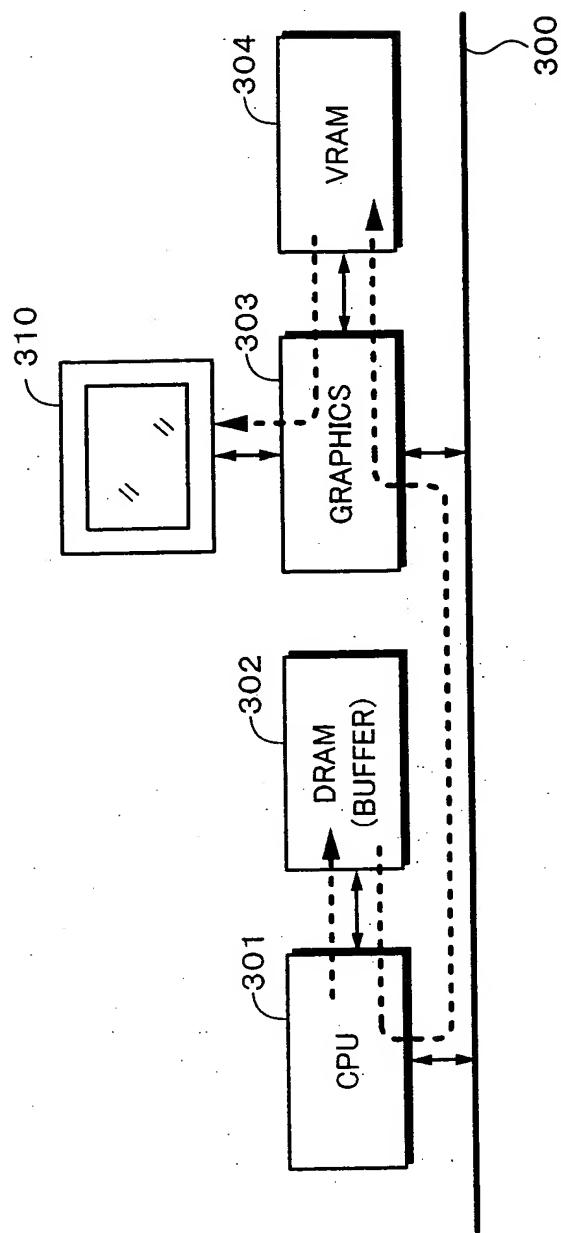


Fig. 2

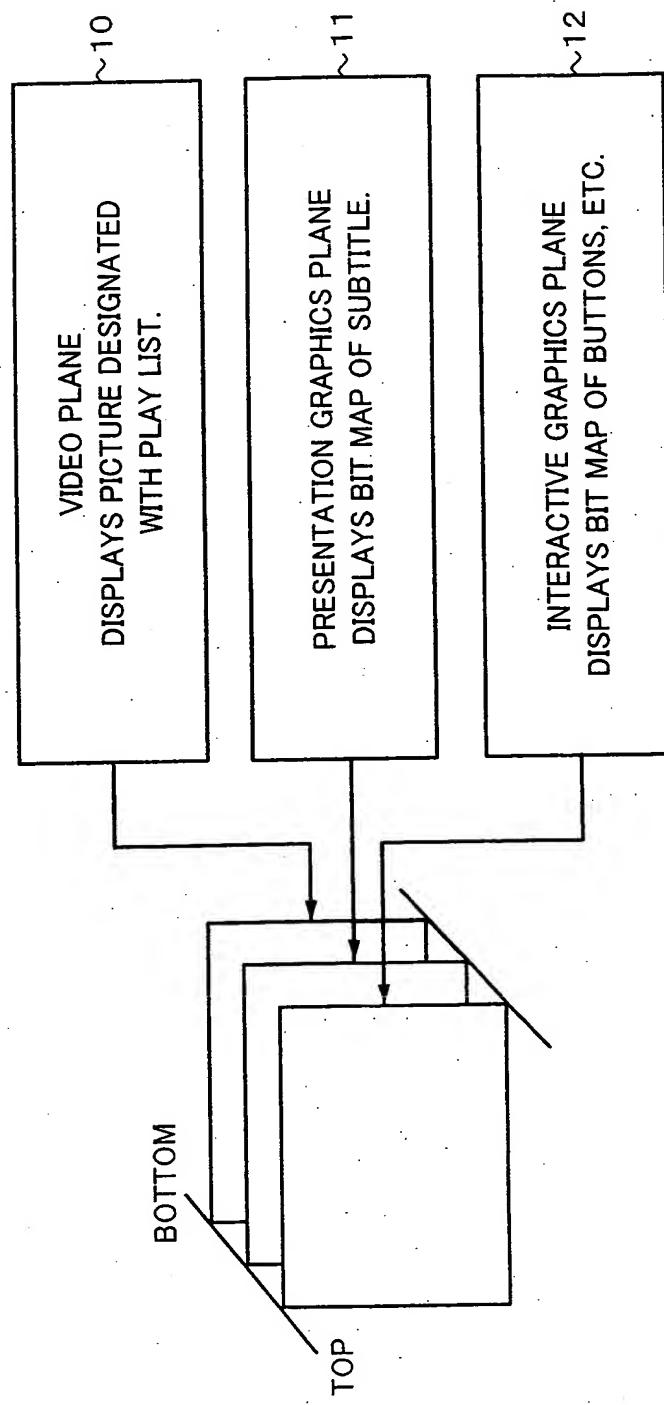


Fig. 3

TYPE	DESCRIPTION
VIDEO PLANE	1920x1080x16 BITS, YCbCr(4:2:2), 8 BITS EACH
PRESENTATION GRAPHICS PLANE	1920x1080x8 BITS, 8-BIT COLOR MAP ADDRESSES (PALETTE) + 256-LEVEL ALPHA-BLENDING
INTERACTIVE GRAPHICS PLANE	1920x1080x8 BITS, 8-BIT COLOR MAP ADDRESSES (PALETTE) + 256-LEVEL ALPHA-BLENDING

Fig. 4

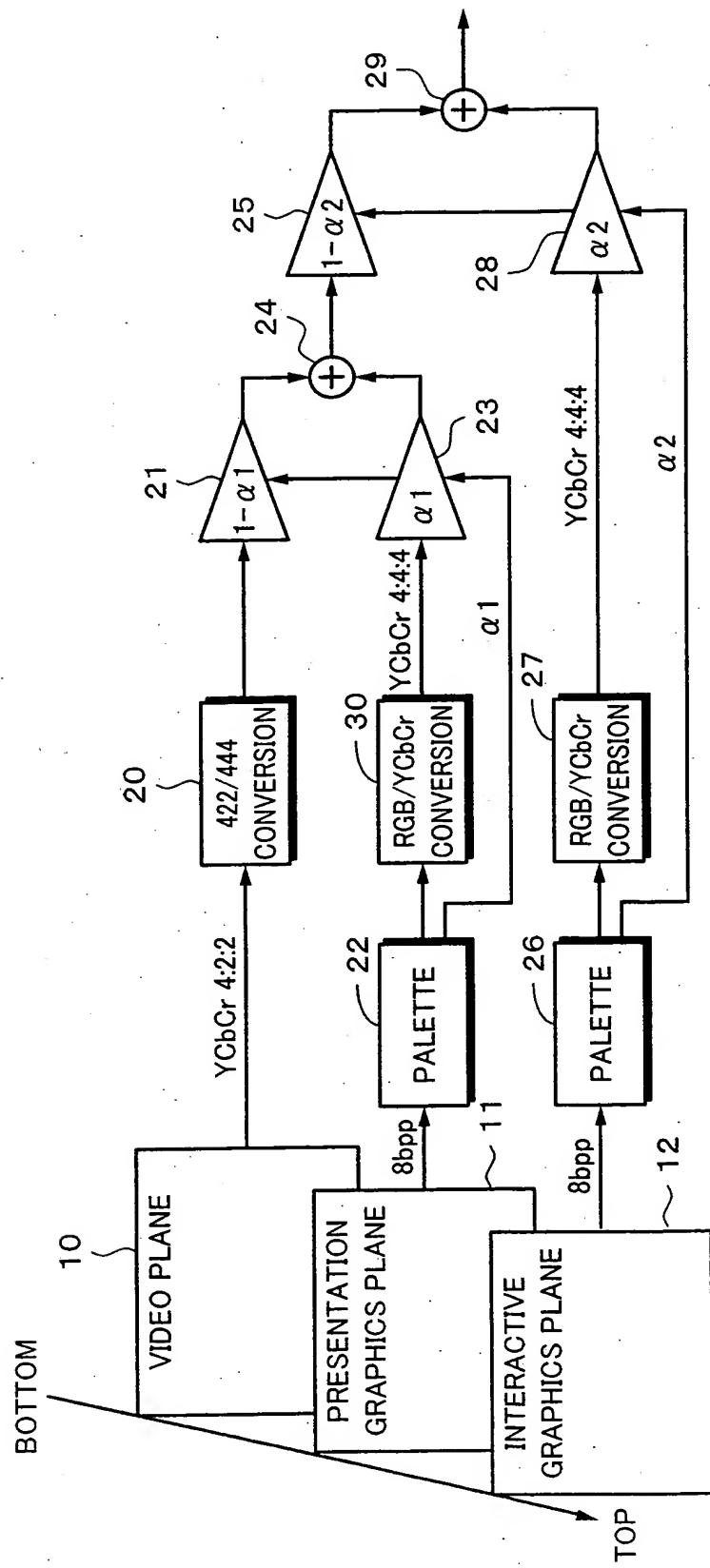


Fig. 5

INPUT	INPUT ADDRESS, 8 BITS
OUTPUT	OUTPUT DATA, 8 BITS x4, OUTPUTS OF (R, G, B, α)

Fig. 6

COLOR INDEX VALUE	VALUES OF THREE PRIMARY COLORS			α
	R	G	B	
0x00	0	0	0	1
0x01	10	100	30	0.5
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮
0xFF	200	255	100	0.8

Fig. 7A

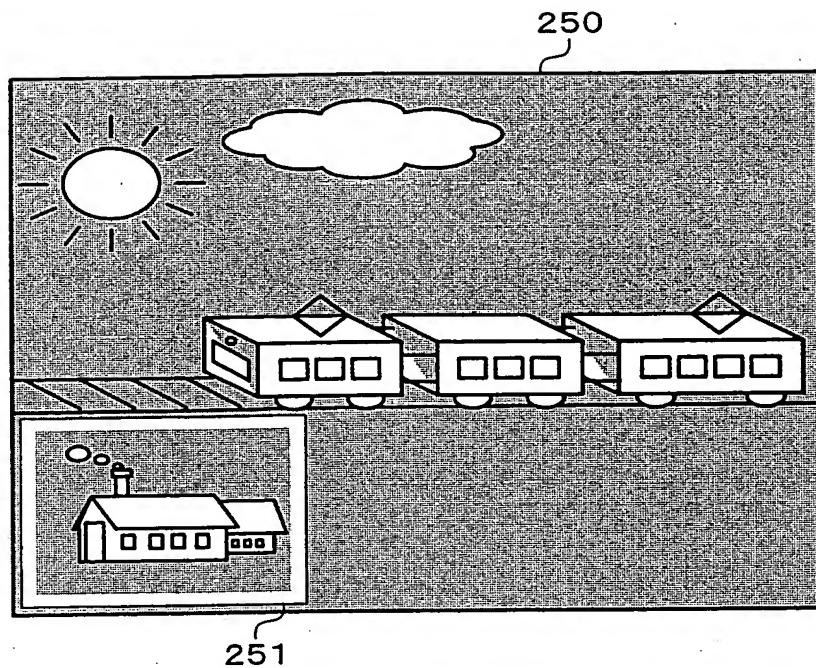


Fig. 7B

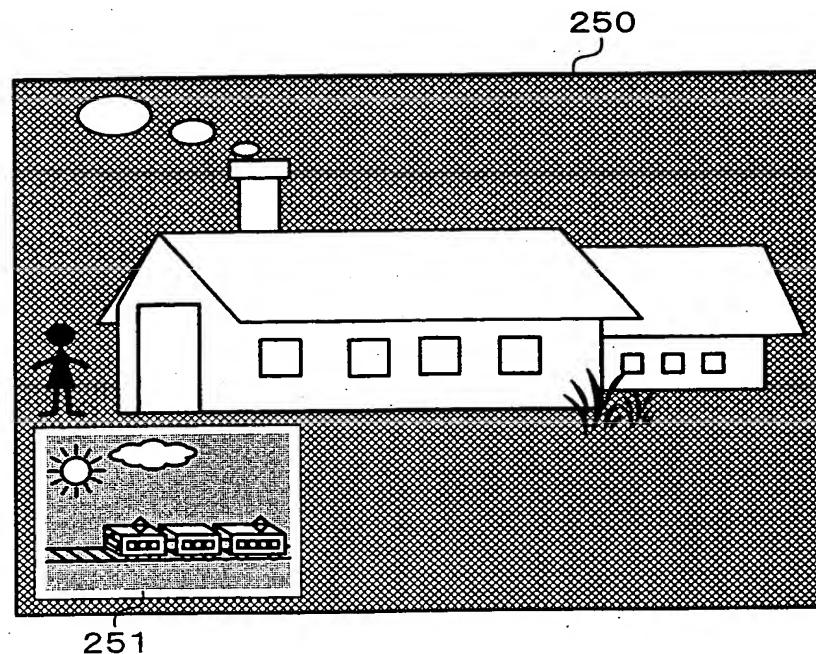


Fig. 8

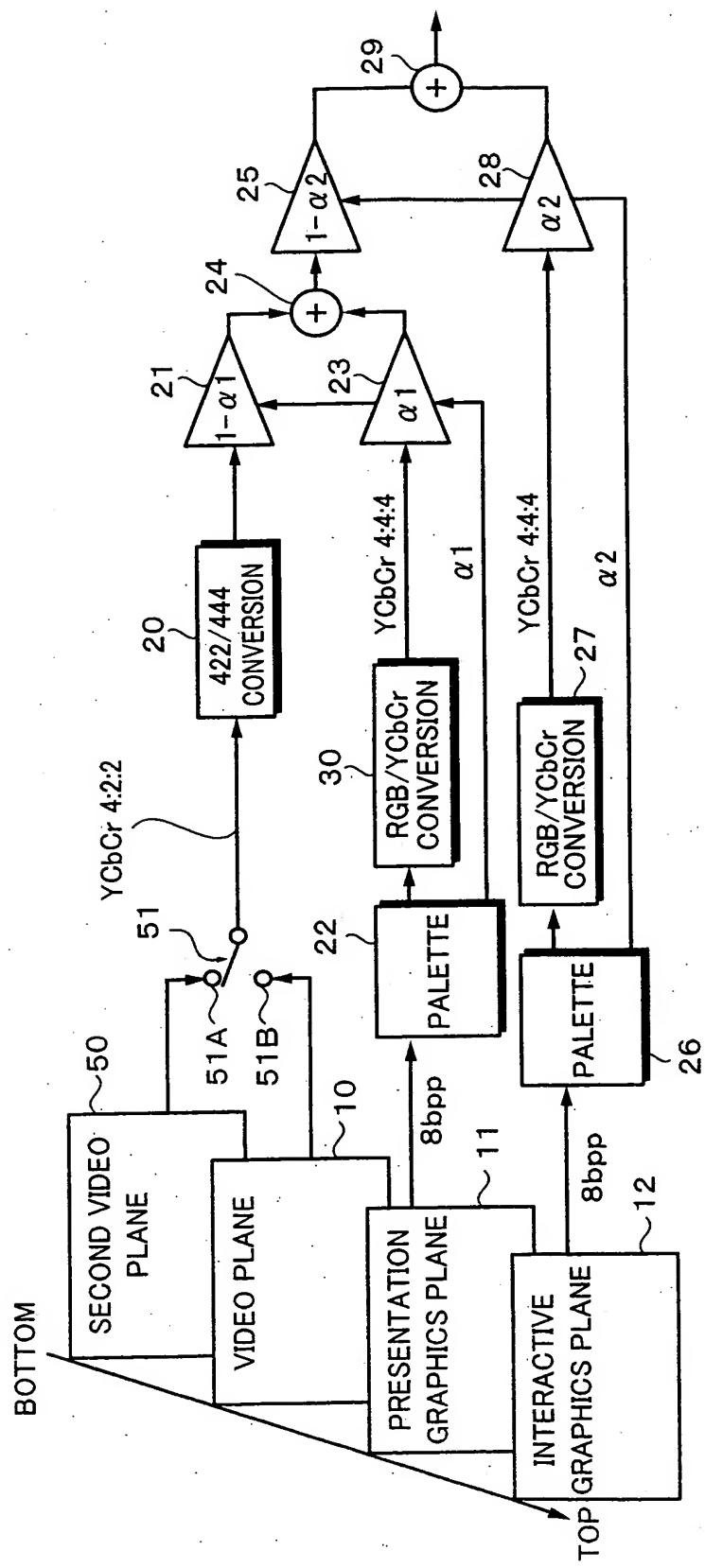


Fig. 9

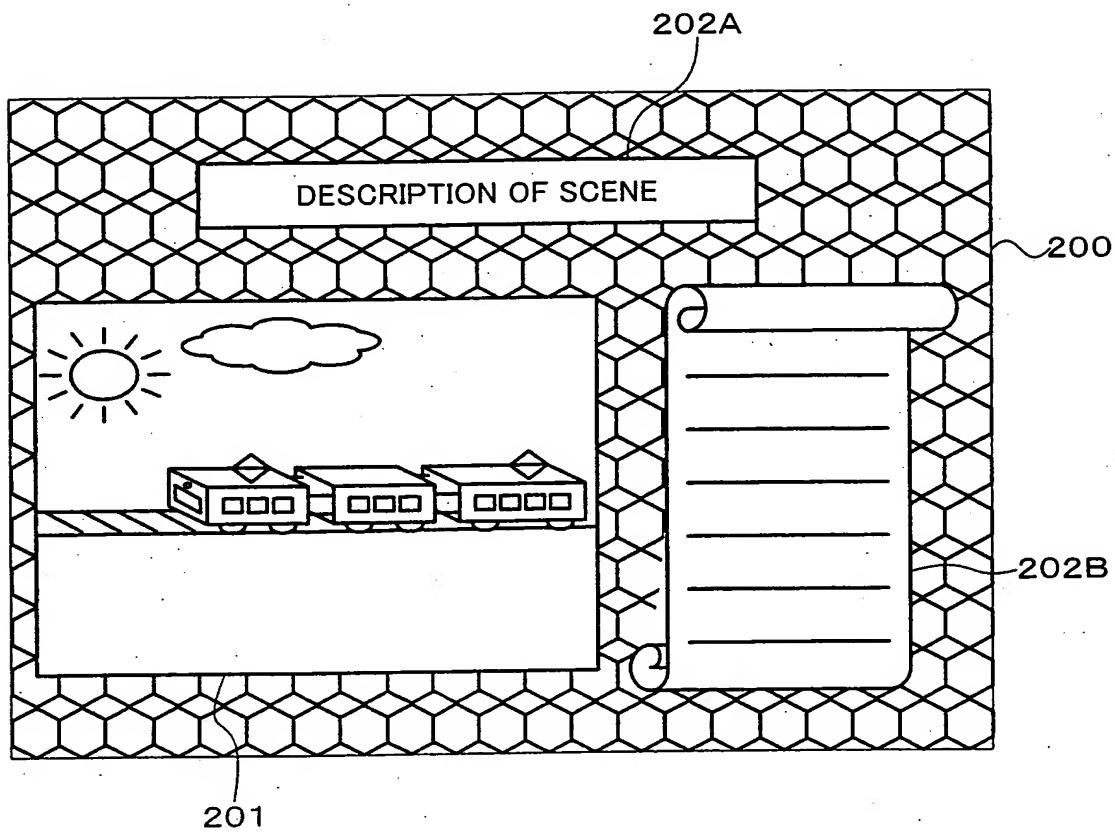


Fig. 10

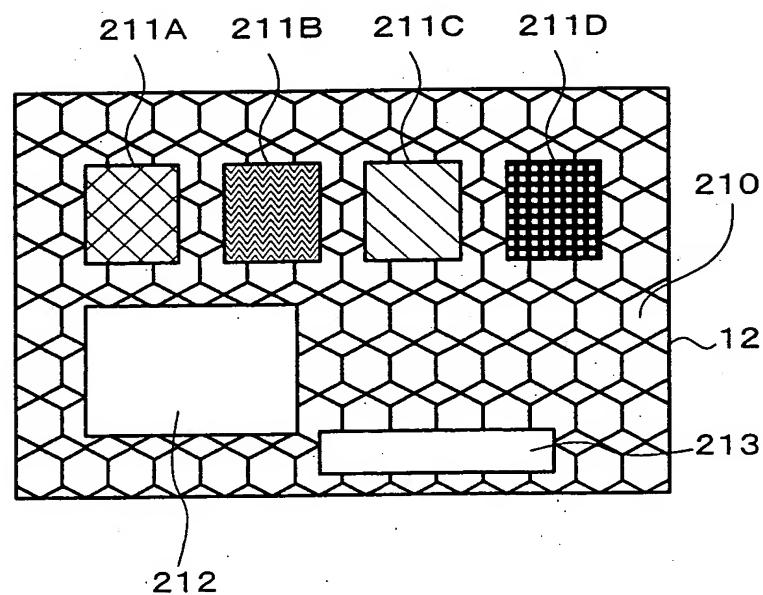


Fig. 11

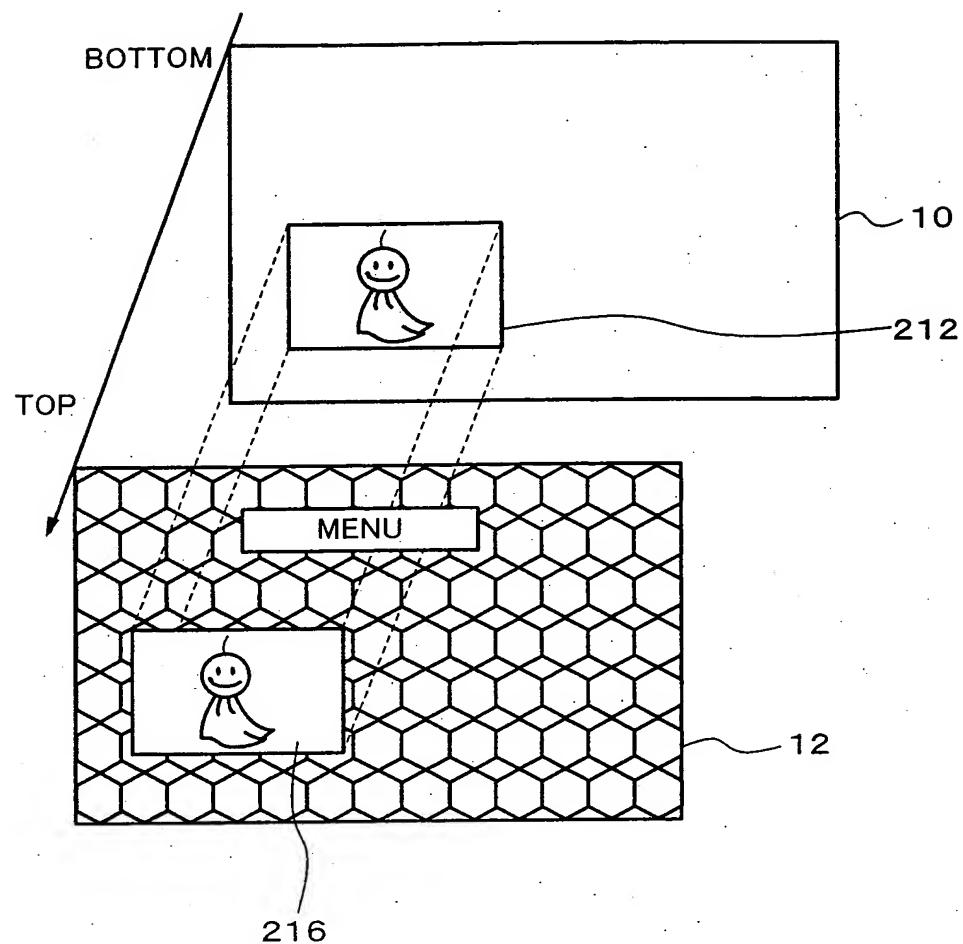
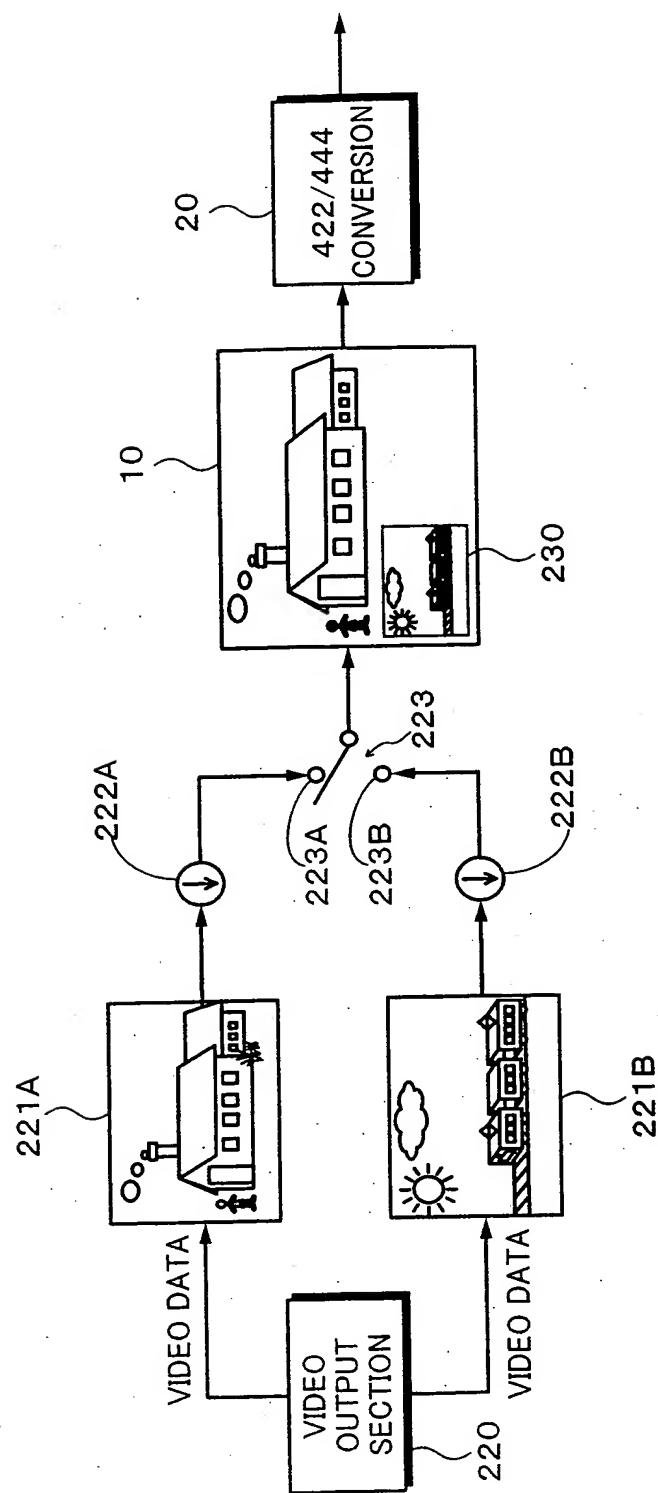


Fig. 12



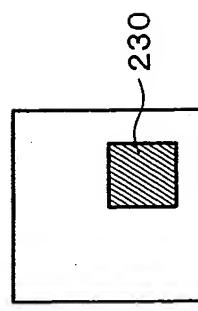


Fig. 13A

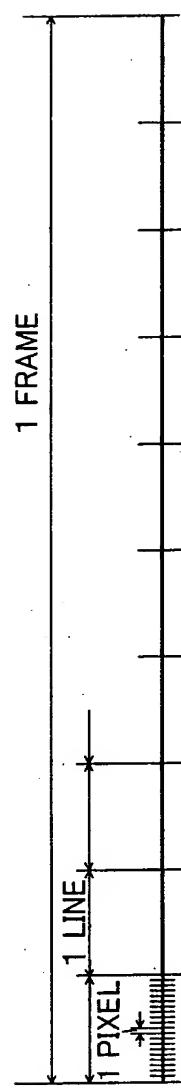


Fig. 13B

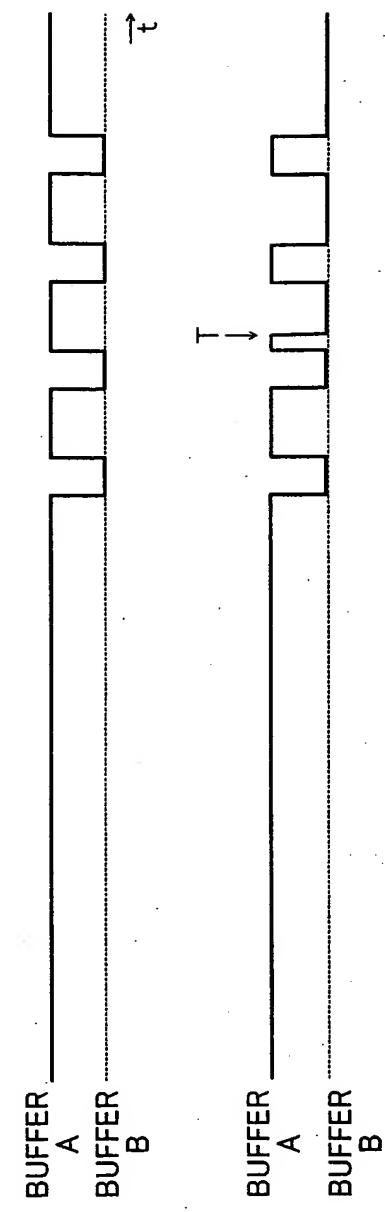


Fig. 13C

Fig. 13D

Fig. 14A

Fig. 14

Fig. 14A ; Fig. 14B ; Fig. 14C

100

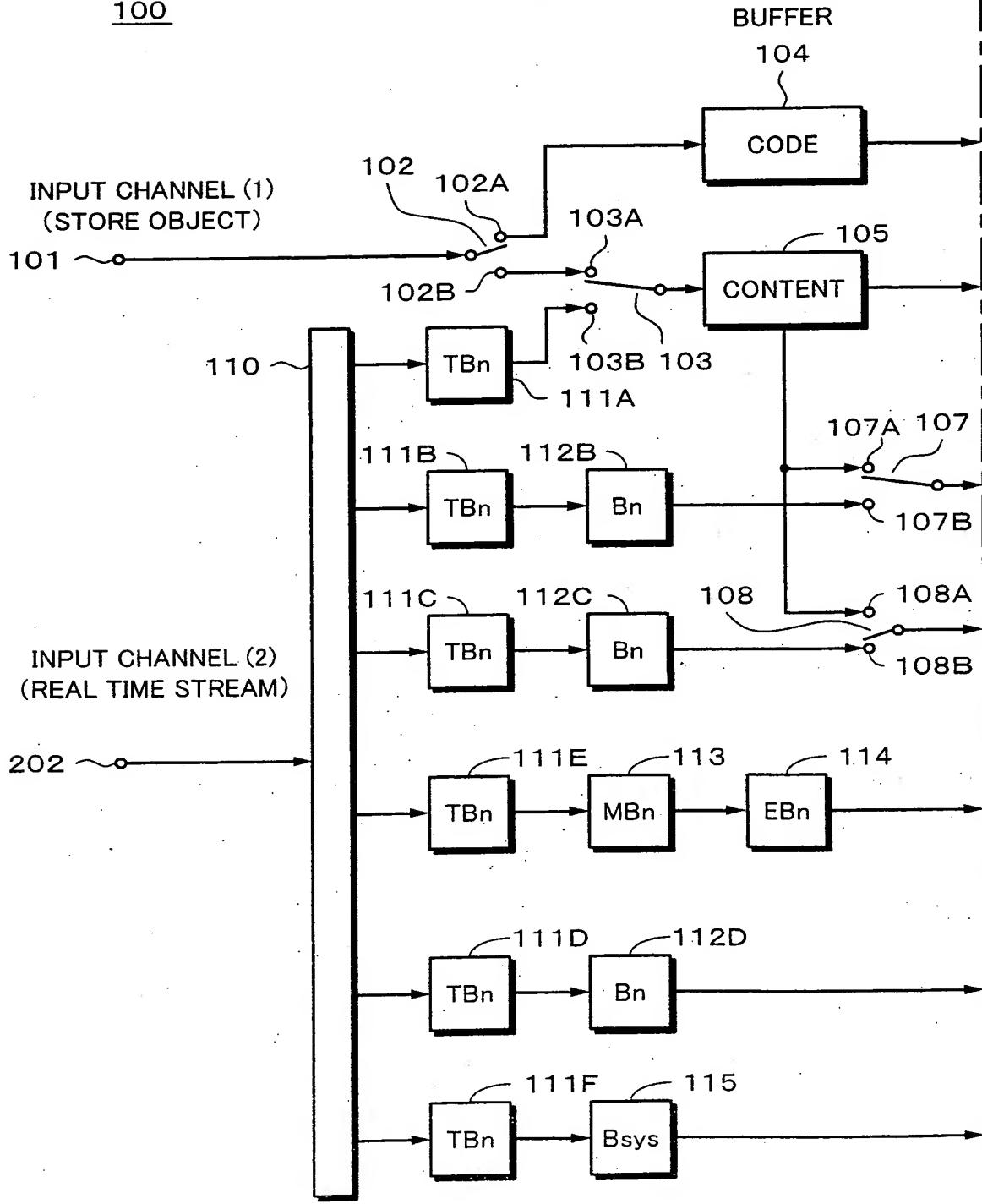


Fig. 14B

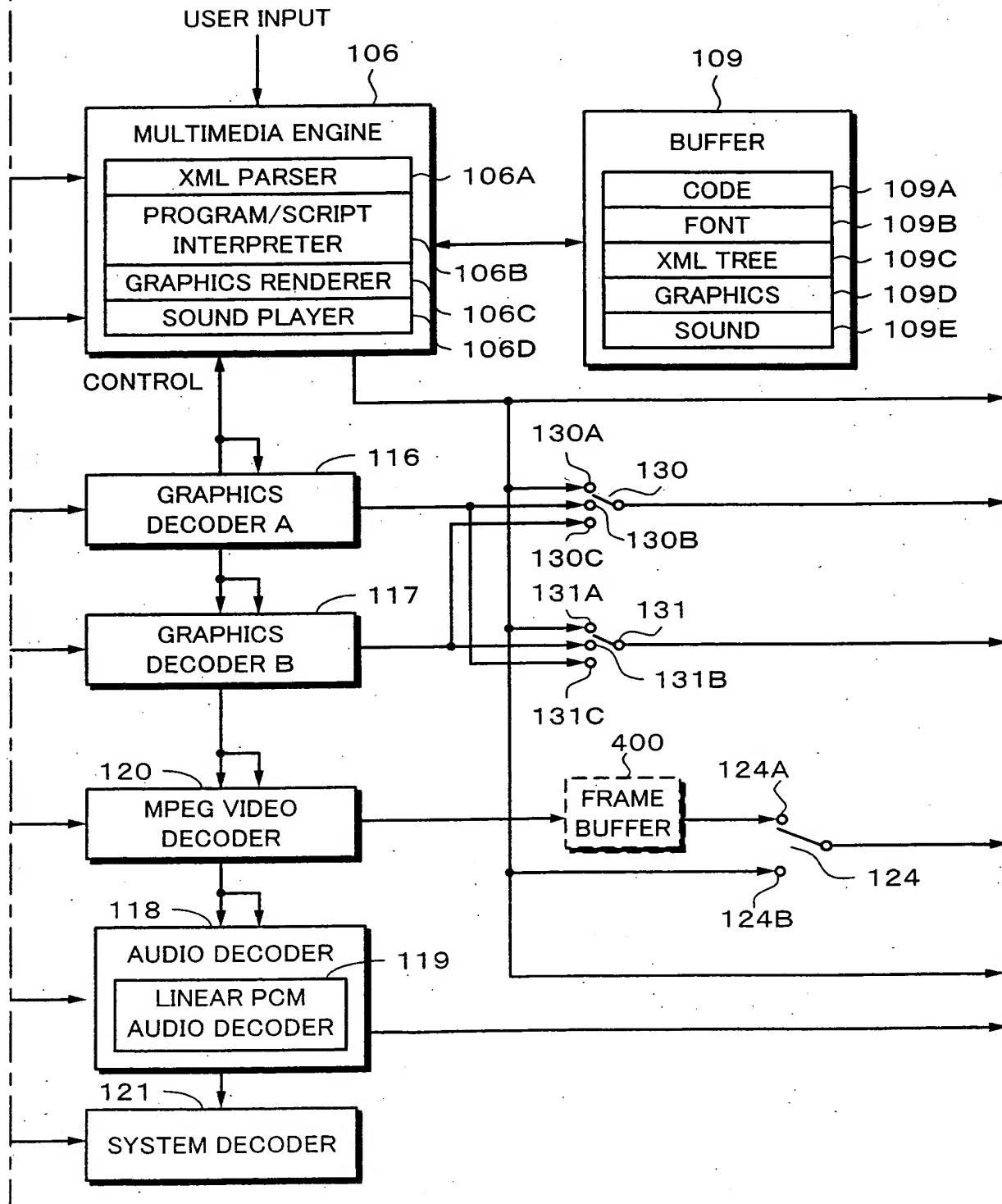
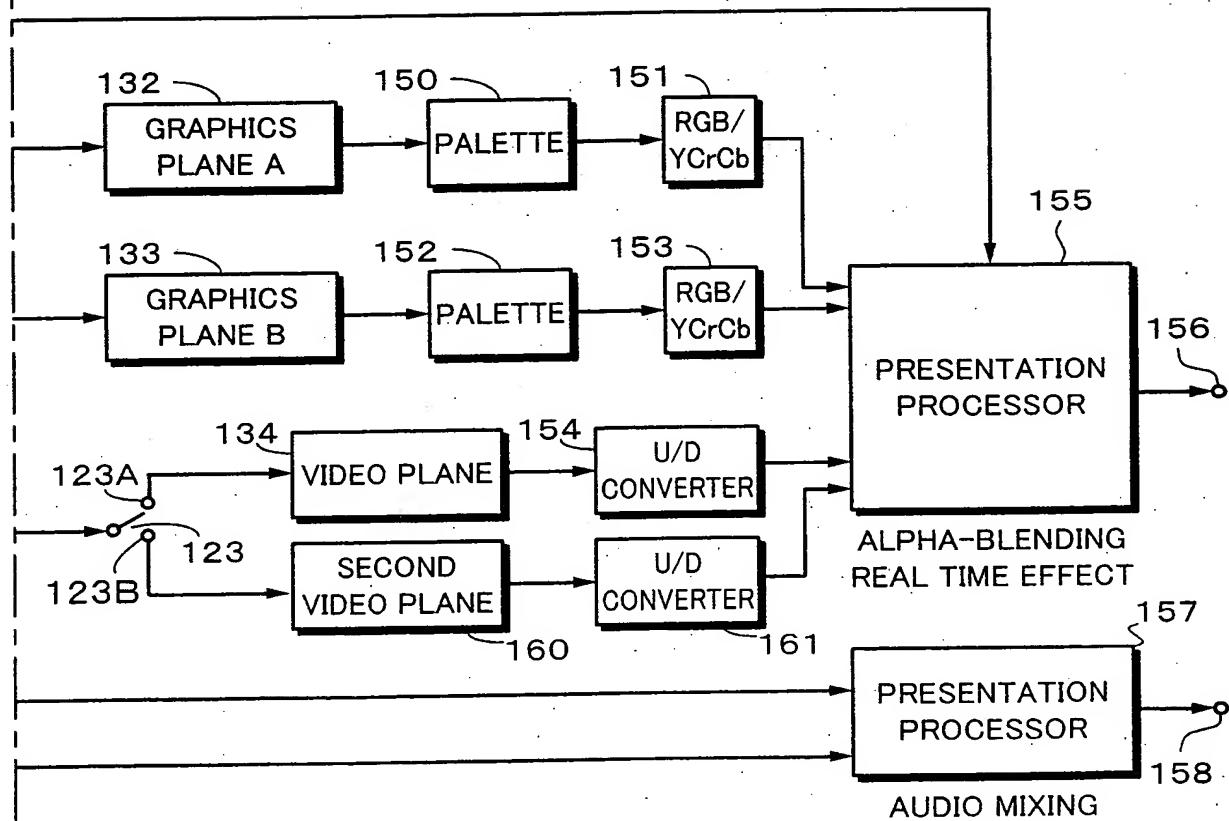


Fig. 14C



DESCRIPTION OF REFERENCE NUMERALS

- 10 VIDEO PLANE
- 11 PRESENTATION GRAPHICS PLANE
- 12 INTERACTIVE GRAPHICS PLANE
- 21, 23, 25, 28 MULTIPLICATION DEVICE
- 24, 29 ADDITION DEVICE
- 50 SECOND VIDEO PLANE
- 51 SWITCH
- 100 PLAYER-DECODER
- 106 MULTIMEDIA ENGINE
- 116 GRAPHICS DECODER
- 117 GRAPHICS DECODER
- 120 MPEG VIDEO DECODER
- 132 GRAPHICS PLANE A
- 133 GRAPHICS PLANE B
- 134 VIDEO PLANE
- 160 SECOND VIDEO PLANE
- 200 WALLPAPER PICTURE
- 201 MOVING PICTURE
- 202A, 202B PART
- 210 WALLPAPER PICTURE
- 211A, 211B, 211C, 211D PART
- 220 VIDEO OUTPUT SECTION
- 221A, 221B FRAME BUFFER
- 222A, 222B DOWN CONVERTER

223 SWITCH
230 SUB SCREEN
301 CPU
302 DRAM
303 GRAPHICS SECTION
304 VRAM